

## INTERNATIONAL SEARCH REPORT

International application No.  
PCT/KR 2004/000045

## A. CLASSIFICATION OF SUBJECT MATTER

C01B 39/00

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

C01B 39/00

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)  
Questel WPI

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	DE 4240821 (MERCK PATENT GMBH) 9. 1 June 1994 (01.06.1994) <i>claims.</i> <i>page 6, lines 31-38.</i>	1
X	--	17
A	CN 133114 (UYFU-N) 10 March 1996 (10.03.1996), (abstract) World Patent Index (online), London, UK.: Retrieved from: Questel/Orbit, Paris, France, DW200232, Accession No. 2002-270163	1
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 Further documents are listed in the continuation of Box C. See patent family annex.

- \* Special categories of cited documents:
- "A" document defining the general state of the art which is not considered to be of particular relevance
- "E" earlier application or patent but published on or after the international filing date
- "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- "O" document referring to an oral disclosure, use, exhibition or other means
- "P" document published prior to the international filing date but later than the priority date claimed

- "T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
- "&" document member of the same patent family

Date of the actual completion of the international search  
5 April 2004 (05.04.2004)Date of mailing of the international search report  
23 August 2004 (23.08.2004)Name and mailing address of the ISA/ AT  
**Austrian Patent Office**  
Dresdner Straße 87, A-1200 ViennaAuthorized officer  
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## C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 2002/0034830 A1 (EARHART et al.) 21 March 2001 (21.03.2001) <i>claims.</i> ----	5

**INTERNATIONAL SEARCH REPORT**  
Information on patent family members

International application No.  
PCT/KR 2004/000045

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
CN A 133114		none	
DE A 4240821	1994-06-09	none	
US A 20020034 830		none	

